

Inspector Quantlist Report 20240819

Diary Number: _____

Inspector Name: _____

TRACS Number: _____

Date: _____

Division IV: Surface Treatments and Pavements

Title: Bituminous Tack Coat

Mix Design Type:	Tack Type:
Lot Number:	Lane Number:
Lift Number:	Beginning Station:
Ending Station:	

Attribute Number	Yes, No NA	Narrative	Reference
0.		Was a pre-paving meeting with all the key stakeholders held to review all aspects of the paving operation?	Construction Manual Chapter 4: Surface Treatments And Pavements AC - 4
1.		Has the bituminous material type and rate of application been approved by the Engineer?	2021 Standard Specifications 404-5, pg. 306
2.		Has the certificate of compliance, with all the required information, (listed in Special Provision 106.05 B) been submitted for the tack coat for each type and for each shipment to the project?	2021 Standard Specifications 1005-1, pg. 1136 & 106.05(B), pg. 89
3.		Were samples taken from the truck in accordance with Arizona Test Method 103? (2 samples for pre approved material and 3 samples for certificate of Analysis)	2021 Standard Specifications 1005-2, pg. 1136 Materials Policy and Procedure Directives No. 8
4.		Have all distributor trucks been tested for transverse spread rate within 12 months?	2021 Standard Specifications 404-3.02 (A), pg. 302
5.		Is the ADOT Bituminous Distribution Truck Certification sticker inside the driver's side door of the truck?	2021 Standard Specifications 404-3.02 (A), pg. 302
6.		Is the Certificate of Test (Arizona Test Method 411) in the distributor truck cab?	2021 Standard Specifications 404-3.02 (A), pg. 302

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7.		Does the distributor truck have a working: tachometer, pressure gauge, accurate volume measuring device or calibrated tank, thermometer for measuring temperatures of the tank, power unit for pump, spray bar and continuous circulation through tank and spray bar?	2021 Standard Specifications 404-3.02 (A), pg. 302
8.		For paving grade asphalt, is the range of temperature when spraying between 275 and 400 degrees F, and is documented in the daily diary?	2021 Standard Specifications TABLE 1005-6, pg.1149
9.		Is the correct Bituminous Tack Coat being used for ACFC or AR-ACFC according to the table in section 404-5? Emulsified Asphalt (Special Type) is not allowed.	2021 Standard Specifications 404-5 pg.307
10.		Does the emulsified asphalt (special type) consist of Type SS-1 or CSS-1 diluted with water so the asphalt content is not less than 26 percent? Is the water used potable? The material was diluted prior to arriving in the field?	2021 Special Provisions 1005-3.04 pg. 1138
11.		For Emulsified Asphalts, SS-1 and CSS-1 and Emulsified Asphalts (Special Type), was the range of temperature for spraying between 70 and 160 degrees F, and was documented in the daily diary?	2021 Standard Specification 1005-3.07 TABLE 1005-6 pg. 1149
12.		For Emulsified Asphalt RS-1, was the range of temperature for spraying between 70 and 140 degrees F, and was this documented in the daily diary?	2021 Standard Specification 1005-3.07 TABLE 1005-6 pg. 1149
13.		For Emulsified Asphalts CRS-1, RS-2, CRS-2, and CRS-2P was the range of temperature for spraying between 125 and 185 degrees F, and was this documented in the daily diary? (CRS-2P temperature can be modified by the engineer)	2021 Standard Specification 1005-3.07 TABLE 1005-6 pg. 1149
14.		Was the surface to be treated thoroughly cleaned to the satisfaction of the Engineer prior to applying the bituminous material?	2021 Standard Specifications 404-3.04 pg. 303
15.		Is the bituminous material uniformly applied to the prepared surface at the specified rate?	2021 Standard Specifications 404-3.05 pg. 304
16.		Was the application of the bituminous material started and stopped at the beginning and ending of two applications in a manner that will not result in overlaps or gaps?	2021 Standard Specifications 404-3.05 pg. 304
17.		Have any areas that were missed, areas with nonuniform spread or penetration been remedied by reapplication?	2021 Standard Specifications 404-3.05 pg. 304
18.		Has the emulsified asphalt broken before asphaltic concrete is placed?	2021 Standard Specifications 404-5 pg. 307
19.		Has the tack coat been applied only as far in advance of the placement to obtain the proper condition of tackiness.	2021 Standard Specifications 404-5 pg. 307

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20.		Is the amount of tack coat applied in one day going to be covered with asphaltic concrete during the same day?	2021 Standard Specifications 404-5 pg. 307
21.		Is the tack coat application rate calculated and documented on the "Project Asphalt Report" spreadsheet?	Construction Manual 404-3.12 pg.404-8
22.		Has care been taken to prevent the spraying or splattering of bituminous material on adjacent pavements, structures, curb, guardrail, trees and shrubbery or any other object outside of the area designated for spraying?	2021 Standard Specifications 404-3.05 pg. 304
23.		Has the contractor erected and maintained approved barricades, signs and other traffic control devices to ensure the bituminous treated surface is not prematurely damaged or marred by traffic?	2021 Standard Specifications 404-3.03 pg. 303
24.		Did the contractor take responsibility for all unused bituminous material?	2021 Standard Specifications 404-3.05 pg. 305
25.		Quantlist Minimum Frequency is being followed, one per week.	Construction Bulletin 07-01